

# Tentative Specification (Preliminary)

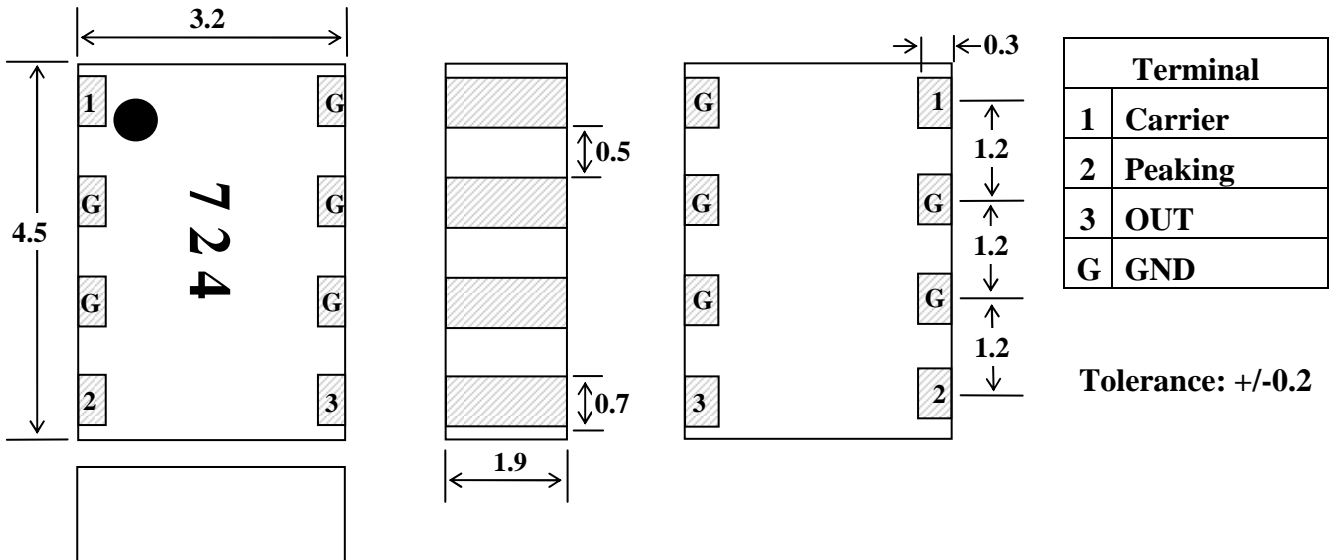
Control No. : HGC-05724-B  
Established on Jun 14, 2013

**1. 2000MHz Band Chip Doherty Combiner**  
1.1 TYPE No. : HGC5724-DOH2000S

RoHS correspondence article

**2. Appearance and Construction**

**2.1 Dimension (Unit: mm)**



**2.2 Body ... Ceramics**

**2.3 Terminal ... Ni+Sn plating**

**2.4 Marking ... Abbreviation of Model No. is printed**

**3. Absolute Maximum Ratings**

- 3.1 Input Power (W Avg/CW Ta= 25degC) : 30
- 3.2 Operating Temperature (degC) : -40 ~ 125
- 3.3 Storage Temperature (degC) : -40 ~ 85  
(-20 ~ 35degC for tape and reel materials)

**4. Target Electrical Characteristics (-40 ~ 125degC)**

- 4.1 Nominal Impedance (Ohm) : 50
- 4.2 Frequency Range (MHz) : 1700 ~ 2300
- 4.3 Insertion Loss (dB MAX) : 0.3
- 4.4 Phase (S21 deg) : 90+/-4 (at 2000MHz)
- 4.5 Phase (S32 deg) : 90+/-4 (at 2000MHz)
- 4.6 V.S.W.R (MAX) : 1.43

**5. Note**

**5.1 Number of pieces ordered**

At least 1000 pieces must be ordered for serial production.

\*Specifications of products are subject to change without notice